

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

II. LISTING OF CLAIMS:

1-24. (Canceled).

25. (Currently amended) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a test piece with a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions thereon, wherein said different specific binding substances are each labeled with a first labeling substance, wherein an organism-originated substance specifically binds to at least one of said specific binding substances, and wherein said organism-originated substance is labeled with a second labeling substance that differs from said first labeling substance;

a first detection unit means for detecting, wherein said first detection unit detects a level of a first labeling signal emitted by a said first labeling substance, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece;

a second detection unit~~means for detecting~~, wherein said second detection unit detects a level of a second labeling signal emitted by said a second labeling substance,~~wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance; and~~

an analyzing unit~~means~~, wherein said analyzing unit ~~measures for measuring~~ a quantity of said organism-originated substance bound to each of said specific binding substances, based on ~~the~~ detected level of said second labeling signal, corrected for ~~the~~ detected level of said first labeling signal at each of said predetermined positions.

26. (Currently amended) The apparatus as set forth in claim 25, wherein said specific binding substances are~~is a cDNA polynucleotides~~polynucleotide.

27. (Currently amended) The apparatus as set forth in claim 25, wherein said analyzing unit~~means performing said measurement~~ utilizes a correction value calculated for each of said specific binding substances~~used in the method~~.

28. (Currently amended) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a test piece with a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions thereon, wherein said different specific binding substances are cDNA polynucleotides and are each labeled with a first labeling substance, wherein an organism-originated substance specifically binds to at least one of said specific binding substances, and wherein said organism-originated substance is labeled with a second labeling substance that differs from said first labeling substance;

a first detection unit~~means, wherein said first detection unit detects for detecting~~ a level of a first labeling signal emitted by said a first labeling substance,~~wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece, wherein said specific binding substance is a cDNA polynucleotide;~~

a second detection unit~~means, wherein said second detection unit detects for detecting~~ a level of a second labeling signal emitted by a second labeling substance,~~wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance;~~

an analyzing unit~~means, wherein said analyzing unit measures for measuring~~ a quantity of said organism-originated substance bound to each of said specific binding substances, based

on ~~the~~ detected level of said second labeling signal, corrected for ~~the~~ detected level of said first labeling signal at each of said predetermined positions,

wherein said analyzing ~~unit means performing said measurement~~ utilizes a correction value calculated from ~~information about~~ 1) ~~the~~ length of ~~the each of said~~ cDNA ~~polynucleotides~~ ~~polynucleotide~~ and 2) the relative frequency of ~~said~~ the first labeling substance within each of said cDNA polynucleotides ~~polynucleotide used in the method~~.

29. (Currently amended) The apparatus as set forth in claim 25, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

30. (Currently amended) The apparatus as set forth in claim 26, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

31. (Currently amended) The apparatus as set forth in claim 27, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

32. (Currently amended) The apparatus as set forth in claim 28, wherein said first labeling substance ~~for said specific binding substances~~ is a fluorescent dye.

33. (Currently amended) The apparatus as set forth in claim 25, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

34. (Currently amended) The apparatus as set forth in claim 26, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

35. (Currently amended) The apparatus as set forth in claim 27, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.

36. (Currently amended) The apparatus as set forth in claim 28, wherein said first labeling substance ~~for said specific binding substances~~ is a radioactive isotope.